

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

		Application Number	10823400
		Filing Date	2004-04-13
		First Named Inventor	Ralph Bauer et al.
		Art Unit	1796
		Examiner Name	Tae H. Yoon
		Attorney Docket Number	1035-A4363

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
/TY/	1	3865917		1975-02-11	Galasso et al.		
/TY/	2	3814782		1974-06-04	Hayes et al.		
/TY/	3	3853688		1974-12-10	D'Ambrosio		
/TY/	4	4891127		1990-01-02	Dispenzier		

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1						

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
 (Not for submission under 37 CFR 1.99)

Application Number		10823400
Filing Date		2004-04-13
First Named Inventor	Ralph Bauer et al.	
Art Unit		1796
Examiner Name	Tae H. Yoon	
Attorney Docket Number		1035-A4363

/TY/	1	0 667 405	EP	A1	1995-08-16	TOYOTA MOTOR CO LTD (JP)	Abstract Only	<input type="checkbox"/>
/TY/	2	63-147821	JP	A2	1988-06-20	AGENCY IND SCIENCE TECHN	Abstract Only	<input type="checkbox"/>
/TY/	3	63-147820	JP	A2	1988-06-20	AGENCY IND SCIENCE TECHN	Abstract Only	<input type="checkbox"/>
/TY/	4	0 108 968	EP	A1	1984-05-23	MAGYAR SZENHIDROGENIPARI (HU) et al.	Abstract Only	<input type="checkbox"/>
/TY/	5	2408122	DE		1974-08-22	SUMITOMO CHEMICAL CO	Abstract Only	<input type="checkbox"/>
/TY/	6	2163678	DE		1973-07-05	Bayer AG	Abstract Only	<input type="checkbox"/>
/TY/	7	2004-051390	JP	A2	2004-02-19	Hitachi Maxell	Abstract Only	<input type="checkbox"/>
/TY/	8	2001-058818	JP	A	2001-03-06	Otsuka Chemical Co. Ltd.	Abstract Only	<input type="checkbox"/>
/TY/	9	99/35089	WO	A1	1999-07-15	Nissan Chemical Ind. Ltd. (JP) et al.	Abstract Only	<input type="checkbox"/>
/TY/	10	45-032530	JP		1970-10-20		Abstract Only	<input type="checkbox"/>
/TY/	11	195426	CS		1982-05-15	ZEMLIČKA JAN; BARTA CESTMIR	Abstract Only	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10823400
Filing Date	2004-04-13
First Named Inventor	Ralph Bauer et al.
Art Unit	1796
Examiner Name	Tae H. Yoon
Attorney Docket Number	1035-A4363

/TY/	12	2952666	DE		1980-07-10	MAGYAR ALUMINIUM	Abstract Only	<input type="checkbox"/>
/TY/	13	1266020	CN	A	2000-09-13	SHANGHAI SILICATE INST CHINESE (CN)	Abstract Only	<input type="checkbox"/>
/TY/	14	58-026029	JP	A2	1983-02-16	DENKI KAGAKU KOGYO KK	Abstract Only	<input type="checkbox"/>
/TY/	15	0 735 001	EP	A2	1996-10-02	JAPAN RES DEV CORP (JP) et al.	Abstract Only	<input type="checkbox"/>
/TY/	16	58-185434	JP	A	1983-10-29	TOKUYAMA SODA KK	Abstract Only	<input type="checkbox"/>
/TY/	17	26758	HU	T	1983-09-28		Abstract Only	<input type="checkbox"/>
/TY/	18	56-009427	JP	A	1981-01-30	NIPPON ASBESTOS CO. LTD.	Abstract Only	<input type="checkbox"/>

 If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/TY/	1	Zhang, L. et al., "Preparation and Characterization of Nano-fibrous g-Al ₂ O ₃ ," Shiyu Huagong, Vol. 33, No. 3, pgs 240-243, 2004. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	2	Zhu, H. et al., "Novel Synthesis of Alumina Oxide Nanofibers," MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS, Vol. 703, pgs 25-30, 2002. ABSTRACT ONLY	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10823400
Filing Date	2004-04-13
First Named Inventor	Ralph Bauer et al.
Art Unit	1796
Examiner Name	Tae H. Yoon
Attorney Docket Number	1035-A4363

/TY/	3	Zhu, H., et al., "g-Alumina Nanofibers Prepared From Aluminum Hydrate with Poly(ethylene oxide) Surfactant," CHEMISTRY OF MATERIALS, Vol. 14, No. 5, pgs 2086-2093, 2002. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	4	Wakayama, H., et al., "Nanoporous Metal Oxides Synthesized by the Nanoscale Casting Process Using Supercritical Fluids," CHEMISTRY OF MATERIALS, Vol. 13, No. 7, pgs 2392-2396, 2001. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	5	Yu, Z. et al., "Preparation of Nanometer-sized Alumina Whiskers," JOURNAL OF MATERIALS RESEARCH, Vol. 13, no. 11, pgs 3017-3018, 1998. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	6	Kimura, Y., et al., "Synthesis of poly[(acyloxy)aloxane] with carboxyl ligand and its utilization for the processing of alumina fiber," Vol. 20, no. 10, pgs 2329-2334, 1987. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	7	Podergin, V., et al., "Electron-microscopic study of whiskers formed during pentoxide reduction by aluminum," METALLOTERM, PROTSESSY KHIM. MET., pgs. 44-50, 1972. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	8	Park, B., et al., "Preparation of High-Capacity Ceramic Catalytic Support from Gibbsite," HAN'GUK SERAMIK HAKHOECHI, Vol. 39, no. 3, pgs 245-251, 2002. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	9	Brusasco R., et al., "Preparation and Characterization of Fibrillar Boehmite and g-Aluminum Oxide," MATERIALS RESEARCH BULLETIN, Vol. 19, no. 11, pgs 1489-1496, 1984. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	10	Kuang, X., et al., "Preparation of Special-shaped g-AlOOH g-Al ₂ O ₃ Ultrafine Powders by Hydrothermal Reaction Method," MATERIALS AND COMPONENTS FOR ENGINES, pgs. 594-597, 1994, ABSTRACT ONLY	<input type="checkbox"/>
/TY/	11	Liu, S., et al., "Synthesis of Novel Nanostructured g-Al ₂ O ₃ by Pyrolysis of Aluminumoxyhydride-HAIO," JOURNAL OF MATERIALS CHEMISTRY, Vol. 13, no. 12, pgs 3107-3111, 2003. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	12	Hicks, R., et al., "Nanoparticle Assembly of Mesoporous AlOOH (Boehmite)," CHEMISTRY OF MATERIALS, Vol. 15, no. 1, pgs 78-82, 2003. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	13	Ozuna, O., et al., "Pressure Influenced Combustion Synthesis of Gamma- and Alpha-Al ₂ O ₃ Nanocrystalline," JOURNAL OF PHYSICS-CONDENSED MATTER, Vol. 16, no. 15, pgs 2585-2591, 2004. ABSTRACT ONLY	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10823400
Filing Date	2004-04-13
First Named Inventor	Ralph Bauer et al.
Art Unit	1796
Examiner Name	Tae H. Yoon
Attorney Docket Number	1035-A4363

/TY/	14	McHale, J. et al., "Effects of Increased Surface Area and Chemisorbed H ₂ O on the Relative Stability of Nanocrystalline Gamma-Al ₂ O ₃ and Al ₂ O ₃ ," JOURNAL OF PHYSICAL CHEMISTRY, Vol. 101, no. 4, pgs 603-613, 1997. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	15	Kuang, D., et al., "Fabrication of Boehmite AlOOH and Gamma-Al ₂ O ₃ Nanotubes via a Soft Solution Route," JOURNAL OF MATERIALS CHEMISTRY, Vol. 13, no. 4, pgs 660-662, 2003. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	16	Tijburg, I., et al., "Sintering of Pseudo-Boehmite And Gamma-Al ₂ O ₃ ," JOURNAL OF MATERIALS SCIENCE, Vol. 26, No. 21, pgs 5945-5949, 1991. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	17	Wei, Z. et al., "Research for Separation of Precursor in the Preparation Process of Gamma-Al ₂ O ₃ Ultrafine Powder via Precipitation," JOURNAL OF BASIC SCIENCE AND ENGINEERING, Vol. 12, pgs 19-23, 2004. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	18	Singhal, A., "Aluminum Speciation in Aqueous Solutions and Its Effect on Properties of Chemically Synthesized Alumina Powders (Ceramics)," DISSERTATION ABSTRACTS INTERNATIONAL, Vol. 55, no. 04-B, 1994. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	19	Kim, S., et al., " Preparation of High-Temperature Catalytic Support from Gabbite II. Properties of Amorphous Alumina as Precursor of Catalyst Support, " JOURNAL OF THE KOREAN CERAMIC SOCIETY, Vol. 33, no. 1, pgs 92-100, 1996. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	20	Zhang, Z., et al., " Mesostructured Forms of Gamma-Al ₂ O ₃ ," J. AM. CHEMC. SOC., Vo. 124, No. 8, pg 15, ISSN/ISBN: 00027863. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	21	Llugar, M. et al., "Templated growth of Alumina-based Fibers Through the Use of Anthracenic Organogelators," CHEMISTRY OF MATERIALS, Vol. 14, no. 12, pgs 5124-5133, 2002. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	22	Strek, W., et al., " Preparation and Emission Spectra of Eu(III) in Nanostructured Gamma-Alumina," SPECTROCHIMICA ACTA, PART A, Vol. 54A, no. 13, pgs 2121-2124, 1997. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	23	Yogo, T., et al., " Synthesis of Polycrystalline Alumina Fibre with Aluminium Chelate Precursor," JOURNAL OF MATERIALS SCIENCE, Vol. 26, no. 19, pgs 5292-5296, 1999. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	24	Saraswati, V., et al., " X-ray Diffraction in Gamma-alumina Whiskers," JOURNAL OF CRYSTAL GROWTH, Vol. 83, no. 4, pgs 606-609, 1987. ABSTRACT ONLY	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10823400
Filing Date	2004-04-13
First Named Inventor	Ralph Bauer et al.
Art Unit	1796
Examiner Name	Tae H. Yoon
Attorney Docket Number	1035-A4363

/TY/	25	Zhu, H., et al., "Growth of Boehmite Nanoribers by Assembling Nanoparticles with Surfactant Micelles," JOURNAL OF PHYSICAL CHEMISTRY, Vol. 108, no. 14, pgs 4245-4247, 2006. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	26	Kamiya, K. et al., "Crystallization Behavior of Sol-Gel-Derived Alumina Fibers. Formation of .Alpha.-alumina Around 500.DEG.C.," Jinko Kessho Toronkai Koen Yoshishu, Vol. 41, pgs 9-10, 1996. ABSTRACT ONLY	<input type="checkbox"/>
/TY/	27	LUCUTA, P., et al., "Phase Evolution in Al2O3 Fibre Prepared From an Oxychloride Precursor," JOURNAL OF MATERIALS SCIENCE, Vol. 27, no. 22, pgs 6053-6061, 1992. ABSTRACT ONLY	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Tae Yoon/	Date Considered	02/15/2008
--------------------	------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.